

AMENDMENT UNDER 37 C.F.R. § 1.116
Appln. No. 10/046,710
Docket No. Q68136

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1 and 2 (cancelled).

Claim 3 (currently amended): A structure for waterproofing a terminal-wire connecting portion comprising:

a wire including a conductor portion and an insulating sheath; and
a terminal including a substantially cylindrical wire connection portion,
wherein the conductor portion and the insulating sheath are inserted in the wire
connection portion, and the wire connection portion is pressed radially uniformly over an entire
periphery of the wire connection portion and over an entire length of the wire connection portion
so that the conductor portion and the insulating sheath are held in intimate contact with an inner
peripheral surface of the wire connection portion, and

the diameter of the wire connection portion is uniformly reduced over an entire periphery
and an entire length of the wire connection portion. The structure according to claim 1, wherein
one of a waterproof seal material and a waterproof seal member is arranged in an annular shape within the wire connection portion, and

an outer peripheral surface of the insulating sheath is held in intimate contact with the one of the waterproof seal material and the waterproof seal member.

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Claim 4 (previously presented): The structure according to claim 3, wherein
the waterproof seal member is arranged in the annular shape within the wire connection
portion,

the wire connection portion includes a peripheral groove for receiving the waterproof seal
member, and

the waterproof seal member is compressed in the peripheral groove.

Claims 5 and 6 (cancelled).

Claim 7 (currently amended): The method according to claim 5 Method of waterproofing
a terminal-wire connecting portion comprising the steps of:
simultaneously inserting a conductor portion and an insulating sheath of a wire into a
substantially cylindrical wire connection portion of a terminal; and
pressing radially uniformly the wire connection portion over an entire periphery of the
wire connection portion and over an entire length of the wire connection portion;
wherein the wire connection portion is compressively plastically deformed so that the
diameter of the wire connection portion is uniformly reduced over an entire periphery and an
entire length of the wire connection portion, wherein

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the pressing step is performed under a state in which one of a waterproof seal material and a waterproof seal member is arranged in an annular shape with respect to an outer peripheral surface of the insulating sheath within the wire connection portion.

Claim 8 (previously presented): The method according to claim 7, wherein the waterproof seal member is arranged in the annular shape within the wire connection portion, the pressing step is performed under a state in which a peripheral groove for receiving the waterproof seal member is formed in an inner surface of the wire connection portion, and the waterproof seal member is mounted in the peripheral groove.

Claims 9-11 (cancelled).